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L1: Entry 2 of 2

File: DWPI

Sep 13, 1994

DERWENT-ACC-NO: 1994-329891

DERWENT-WEEK: 200147

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TITLE: Skin cosmetic which moisturises and protects from sun burn by UV - contg. glabridin, and one or more of collagen, elastin, fibronectin etc.

PATENT-ASSIGNEE:

ASSIGNEE

CODE

MARUZEN SEIYAKU KK

MARUN

PRIORITY-DATA: 1993JP-0062520 (March 1, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> JP 06256151 A	September 13, 1994		006	A61K007/48
<input type="checkbox"/> JP 3195683 B2	August 6, 2001		005	A61K007/48

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 06256151A	March 1, 1993	1993JP-0062520	
JP 3195683B2	March 1, 1993	1993JP-0062520	
JP 3195683B2		JP 6256151	Previous Publ.

INT-CL (IPC): A61K 7/00; A61K 7/48; A61K 31/35; A61K 38/00; A61P 17/00; C07D 493/04; A61K 31/35; A61K 37/02

ABSTRACTED-PUB-NO: JP 06256151A

BASIC-ABSTRACT:

Skin cosmetic comprises animal prod. (a) which is collagen, placenta extract, hydrolysed konkiorin(sic), elastin, fibronectin and/or vitronectin; and (b) glabridin.

Glabridin is of formula (I) and is contained in Glycyrrhiza glabra Linne var., a kind of licorice root. The amt. of glabridin in cosmetic prepn. is 0.001-10 wt.%, pref. 0.01-1.0 wt.%. The amt. of animal substance is 0.0001-5 wt.% and that to glabridin is 1-500 wt.%. Glabridin is obtained by extracting roots of licorice root or its water extract residue with organic solvent, e.g. lower aliphatic alcohol, lower aliphatic ketone, ether, halogenated hydrocarbon etc.

USE/ADVANTAGE - The skin cosmetic prepn. effectively prevents skin inflammation and deposition of pigment caused by UV as well as skin disturbance due to adequate moisturizing activity without causing adverse effects.

In an example, Glabridin crystals were dissolved in a mixt. of ethanol/1,3-butylene glycol, and surfactant, flavour and para-oxy benzoic acid ester were added and dissolved, followed by adding purified water and other substances to give homogeneous soln. Backs of brown guinea pig were shaved, and 0.1% oxoralene soln. was applied, and 30 mins. later, UVA 1J/cm² was irradiated. Irradiated parts were divided into 5 parts where the following 5 solns. (A-E) were applied respectively to watch erythema inhibitory activity after 24 hrs. (A = the above obtained cosmetic soln., B = the cosmetic soln. without glabridin, C = the cosmetic soln. without animal ingredients, D = the cosmetic soln. without both glabridin and animal ingredients, and E = the control). The results showed that inhibitory activity was more remarkably recognized when A was applied than any other. A>>C=B>D=E.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: SKIN COSMETIC PROTECT SUN BURN ULTRAVIOLET CONTAIN ONE MORE COLLAGEN ELASTIN FIBRONECTIN

DERWENT-CLASS: B02 D21 E13

CPI-CODES: B04-N02; B04-N06; B06-A03; B14-N17; D08-B09A; E06-A03;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

D012 D016 D019 D230 G015 G100 H4 H402 H442 H8

M1 M113 M210 M211 M240 M282 M320 M412 M431 M511

M520 M531 M540 M782 M903 M904 P943 Q262

Ring Index

03549

Specific Compounds

20490M

Chemical Indexing M3 *01*

Fragmentation Code

D012 D016 D019 D230 G015 G100 H4 H402 H442 H8

M1 M113 M210 M211 M240 M282 M320 M412 M431 M511

M520 M531 M540 M782 M903 M904 P943 Q262

Ring Index

03549

Specific Compounds

20490M

Chemical Indexing M1 *02*

Fragmentation Code

M423 M431 M782 M903 P943 Q262 V735 V752

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1994-149876

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L1: Entry 1 of 2

File: JPAB

Sep 13, 1994

PUB-NO: JP406256151A

DOCUMENT-IDENTIFIER: JP 06256151 A

TITLE: SKIN COSMETIC

PUBN-DATE: September 13, 1994

INVENTOR-INFORMATION:

NAME

COUNTRY

OGAWA, KATSUKI

ASSIGNEE-INFORMATION:

NAME

COUNTRY

MARUZEN PHARMACEUT CO LTD

APPL-NO: JP05062520

APPL-DATE: March 1, 1993

INT-CL (IPC): A61K 7/48; A61K 7/00; A61K 31/35

ABSTRACT:

PURPOSE: To provide a novel skin cosmetic capable of effectively preventing the blackening of skins and excellent also on the point of safety.

CONSTITUTION: A skin cosmetic contains glabridin and an animal ingredient (e.g. collagen, placenta extract, conchiolin hydrolysate, elastin, fibronectin, vitronectin) and prevents the generation of inflammations and the production and deposition of skin melanin caused by external irritations such as UV rays due to the synergistic action of the essential ingredients.

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DERWENT-WEEK: 200147

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collagen, elastin, fibronectin etc.

PRIORITY-DATA: 1993JP-0062520 (March 1, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 06256151 A	September 13, 1994	N/A	006	A61K 007/48
JP 3195683 B2	August 6, 2001	N/A	005	A61K 007/48

INT-CL (IPC): A61K007/00, A61K007/48 , A61K031/35 , A61K038/00 ,
A61P017/00 , C07D493/04 , A61K031/35 , A61K037:02

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CHOSEN-DRAWING: Dwg.0/0